

Title (en)

Method for applying a friction covering with a screen printing procedure

Title (de)

Verfahren zum Aufbringen eines Reibbelags mittels Siebdruckverfahrens

Title (fr)

Procédé d'application d'une garniture de friction à l'aide d'un procédé de sérigraphie

Publication

EP 2034204 A2 20090311 (DE)

Application

EP 08013900 A 20080804

Priority

DE 102007040965 A 20070830

Abstract (en)

The method for applying a friction lining (3) on a friction lining carrier for a wet clutch in motor vehicles, comprises dissolving a resin in a solvent for a friction lining mass to be produced, applying a blank on a carrier surface, on which the friction lining mass is laid on, applying the friction lining mass by the blank, removing the blank, drying the friction lining mass with a moderate energy supply, and hardening the friction lining mass by UV-radiation. The solvent comprises high-boiling substances and low-boiling substances. The lining mass comprises an UV-hardening substance. The method for applying a friction lining (3) on a friction lining carrier for a wet clutch in motor vehicles, comprises dissolving a resin in a solvent for a friction lining mass to be produced, applying a blank on a carrier surface, on which the friction lining mass is laid on, applying the friction lining mass by the blank, removing the blank, drying the friction lining mass with a moderate energy supply, and hardening the friction lining mass by UV-radiation. The solvent comprises high-boiling substances and low-boiling substances. The lining mass comprises an UV-hardening substance and an UV-hardening 2-components system. The temperature during hardening is higher than during drying. The friction lining carrier is a lamella carrier.

Abstract (de)

Verfahren zum Aufbringen eines Reibbelags (3), insbesondere für eine Nasskupplung, umfassend folgende Schritte: -Lösen eines Harzes in einem Lösungsmittel um eine Reibbelagmasse herzustellen -Anbringen einer Füllform auf eine Trägerfläche, auf welche die Reibbelagmasse aufgetragen werden soll, -Aufbringen der Reibbelagmasse mittels der Füllform, -Entfernen der Füllform, -Trocknen der Reibbelagmasse, -Aushärten der Reibbelagmasse.

IPC 8 full level

F16D 13/64 (2006.01)

CPC (source: EP)

F16D 13/64 (2013.01); **F16D 2250/00** (2013.01)

Citation (applicant)

FR 1546163 A 19681115 - ABEX CORP

Cited by

CN110744911A; US9718093B2; WO2012019751A1; JP2013535635A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2034204 A2 20090311; **EP 2034204 A3 20111026**; **EP 2034204 B1 20130306**; CN 101376713 A 20090304; DE 102008036332 A1 20090305

DOCDB simple family (application)

EP 08013900 A 20080804; CN 200810215119 A 20080901; DE 102008036332 A 20080804